

## Dairy

The average number of milk cows maintained by Arizona's dairy operations in 2008 increased 5,000 head from a year ago to 186,000 head. Milk production per cow during 2008 was 23,382 pounds, up less than 1 percent from last year.

Milk production totaled 4.35 billion pounds in 2008, an increase of 3 percent from 2007. Value of milk produced, at \$765 million dollars, was 5 percent lower than the 2007 value. The average return per 100 pounds of milk in 2008 was \$17.60, down \$1.50 from 2007.

### Milk Cows: Monthly and Annual Average Inventory

	2002	2003	2004	2005	2006	2007	2008
	-----1,000 Head-----						
January	140	155	155	165	171	175	185
February	142	155	155	164	171	175	185
March	143	155	155	164	172	179	186
April	144	155	155	164	172	182	186
May	145	155	155	163	172	182	186
June	145	155	155	162	173	182	186
July	148	155	158	163	173	181	185
August	150	155	163	164	173	181	185
September	151	155	165	165	174	182	185
October	152	155	167	166	175	184	186
November	153	155	168	167	175	185	188
December	154	155	166	169	175	185	190
Annual average	147	155	160	165	173	181	186

### Milk: Monthly and Annual Average Produced per Cow

	2002	2003	2004	2005	2006	2007	2008
	-----Pounds-----						
January	2,085	2,020	2,010	1,975	2,045	2,030	2,020
February	1,970	1,895	1,960	1,840	1,940	1,930	1,960
March	2,250	2,140	2,120	2,080	2,190	2,195	2,190
April	2,195	2,110	2,090	2,060	2,145	2,090	2,145
May	2,200	2,140	2,095	2,085	2,155	2,105	2,165
June	1,985	1,980	1,955	1,950	1,955	1,965	1,950
July	1,850	1,825	1,810	1,855	1,775	1,875	1,815
August	1,785	1,670	1,710	1,740	1,645	1,760	1,755
September	1,650	1,665	1,660	1,685	1,620	1,705	1,710
October	1,730	1,750	1,785	1,785	1,720	1,850	1,835
November	1,765	1,795	1,760	1,785	1,750	1,830	1,840
December	1,875	1,920	1,905	1,895	1,915	1,925	1,980
Annual average 1/	23,333	22,916	22,788	22,679	22,855	23,260	23,382

1/ Numbers may not add due to rounding.

### Milk: Monthly and Annual Average Production

	2002	2003	2004	2005	2006	2007	2008
	-----Million Pounds-----						
January	292	313	312	326	350	355	374
February	280	294	304	302	332	338	363
March	322	332	329	341	377	393	407
April	316	327	324	338	369	380	399
May	319	332	325	340	371	383	403
June	288	307	303	316	338	358	363
July	274	283	286	302	307	339	336
August	268	259	279	285	286	319	325
September	249	258	274	278	282	310	316
October	263	271	298	296	301	340	341
November	270	278	296	298	306	339	346
December	289	298	316	320	335	356	376
Annual average	3,430	3,552	3,646	3,742	3,954	4,210	4,349

## Milk Production: Marketings and Income

	2002	2003	2004	2005	2006	2007	2008
<b>Combined marketings of milk and cream</b>							
Milk marketed (Million Pounds)	3,417	3,539	3,633	3,729	3,941	4,197	4,336
<b>Average returns</b> (Dollars)							
Per 100 pounds of milk	11.70	12.00	15.70	14.90	12.80	19.10	17.60
Per pound of milkfat	3.22	3.34	4.35	4.15	3.57	5.32	4.94
Cash receipts from marketings (1,000 Dollars)	399,789	424,680	570,381	555,621	504,448	801,627	763,136
<b>Used for milk, cream &amp; butter where produced</b>							
Milk utilized (Million Pounds)	1	1	1	1	1	1	1
Value (1,000 Dollars)	117	120	157	149	128	191	176
Gross producer income (1,000 Dollars) 1/	399,906	424,800	570,538	555,770	504,576	801,818	763,312

1/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

## Milk Cows: Number of Operations by Size Group <sup>1/</sup>

	2002	2003	2004	2005	2006	2007	2008 <sup>2/</sup>
	-----Number-----						
1-99	135	130	120	100	90	100	
100-199	10	10	10	10		5	
200 and over	105	100	100	100	100	75	
Total	250	240	230	210	190	180	

1/ An operation is any place having one or more head of milk cows, excluding cows used to nurse calves, on hand at any time during the year.

2/ Discontinued in 2008.

## Dairy: Milk Cows, Production of Milk and Milkfat, and Value

	2002	2003	2004	2005	2006	2007	2008
Milk cows (1,000 head) 1/	147	155	160	165	173	181	186
<b>Production per milk cow</b> (Pounds)							
Milk	23,333	22,916	22,788	22,679	22,855	23,260	23,382
Milkfat	847	823	823	814	820	835	832
Milkfat in all milk produced (Percent)	3.63	3.59	3.61	3.59	3.59	3.59	3.56
<b>Total production</b> (Million Pounds)							
Milk	3,430	3,552	3,646	3,742	3,954	4,210	4,349
Milkfat	124.5	127.5	131.6	134.3	141.9	151.1	154.8
Value of milk produced (1,000 Dollars) 2/	401,310	426,240	572,422	557,558	506,112	804,110	765,424

1/ Average number during year, excluding heifers not yet fresh.

2/ Value at average returns per 100 pounds of milk in combined marketings of milk and cream. Includes value of milk fed to calves.